

**Table 1.** Organophosphates: Total pounds applied, 1995-2017.

Year	Active Ingredient	Pounds
<b>Acephate</b>		
<b>Total</b>		<b>9,512,000</b>
1995		1,250,000
1996		162,000
1997		898,000
1998		104,000
1999		328,000
2000		103,000
2001		985,000
2002		72,000
2003		1,329,000
2004		152,000
2005		886,000
2006		137,000
2007		147,000
2008		162,000
2009		88,000
2010		189,000
2011		212,000
2012		625,000
2013		98,000
2014		96,000
2015		568,000
2016		116,000
2017		805,000
<b>Azinphos-methyl (AZM)</b>		
<b>Total</b>		<b>1,123,000</b>
1995		163,000
1996		47,000
1997		145,000
1998		38,000
1999		87,000
2000		39,000
2001		68,000
2002		29,000
2003		82,000
2004		49,000
2005		59,000
2006		29,000
2007		68,000
2008		52,000
2009		51,000
2010		48,000
2011		45,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2012		13,000
2013		7,000
2014		4,000
	<b>Bensulide</b>	
<b>Total</b>		<b>1,064,000</b>
1998		45,000
1999		56,000
2000		60,000
2001		48,000
2002		47,000
2003		62,000
2004		73,000
2005		62,000
2006		74,000
2007		63,000
2008		61,000
2009		39,000
2010		36,000
2011		45,000
2012		47,000
2013		33,000
2014		51,000
2015		50,000
2016		57,000
2017		55,000
	<b>Chlorethoxyphos</b>	
<b>Total</b>		<b>684,000</b>
1997		186,000
1998		109,000
1999		95,000
2000		42,000
2001		11,000
2002		20,000
2003		51,000
2004		8,000
2005		16,000
2006		14,000
2007		4,000
2008		10,000
2009		18,000
2010		8,000
2011		6,000
2012		12,000
2013		10,000
2014		28,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2015		10,000
2016		7,000
2017		19,000
<b>Chlorpyrifos</b>		
<b>Total</b>		<b>5,942,000</b>
1995		635,000
1996		547,000
1997		691,000
1998		318,000
1999		307,000
2000		323,000
2001		289,000
2002		224,000
2003		296,000
2004		188,000
2005		294,000
2006		129,000
2007		175,000
2008		232,000
2009		104,000
2010		102,000
2011		124,000
2012		360,000
2013		104,000
2014		93,000
2015		162,000
2016		85,000
2017		160,000
<b>Diazinon</b>		
<b>Total</b>		<b>341,000</b>
1995		22,000
1996		13,000
1997		12,000
1998		16,000
1999		21,000
2000		18,000
2001		25,000
2002		20,000
2003		26,000
2004		24,000
2005		17,000
2006		17,000
2007		17,000
2008		16,000
2009		8,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2010		9,000
2011		8,000
2012		5,000
2013		5,000
2014		8,000
2015		8,000
2016		15,000
2017		11,000
<b>Dicrotophos</b>		
<b>Total</b>		<b>13,750,000</b>
1995		564,000
1996		433,000
1997		377,000
1998		201,000
1999		569,000
2000		387,000
2001		624,000
2002		608,000
2003		693,000
2004		1,390,000
2005		1,071,000
2006		1,122,000
2007		411,000
2008		398,000
2009		348,000
2010		824,000
2011		440,000
2012		615,000
2013		619,000
2014		401,000
2015		470,000
2016		519,000
2017		666,000
<b>Dimethoate</b>		
<b>Total</b>		<b>719,000</b>
1995		77,000
1996		43,000
1997		68,000
1998		29,000
1999		28,000
2000		23,000
2001		29,000
2002		26,000
2003		25,000
2004		21,000
2005		26,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2006		13,000
2007		22,000
2008		14,000
2009		19,000
2010		14,000
2011		23,000
2012		103,000
2013		18,000
2014		20,000
2015		24,000
2016		16,000
2017		38,000
<b>Disulfoton</b>		
<b>Total</b>		<b>787,500</b>
1995		269,000
1996		75,000
1997		167,000
1998		39,000
1999		80,000
2000		32,000
2001		18,000
2002		17,000
2003		17,000
2004		17,000
2005		10,000
2006		7,000
2007		9,000
2008		6,000
2009		5,000
2010		4,000
2011		4,000
2012		2,000
2013		6,000
2014		500
2015		3,000
2016		<500
<b>Ethion</b>		
<b>Total</b>		<b>1,428,000</b>
1995		160,000
1997		139,000
1998		336,000
1999		356,000
2000		117,000
2001		144,000
2002		130,000
2003		28,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2004		16,000
2005		2,000
<b>Ethoprop</b>		
<b>Total</b>		<b>1,576,000</b>
1995		358,000
1996		47,000
1997		222,000
1998		17,000
1999		331,000
2000		20,000
2001		225,000
2002		12,000
2003		170,000
2005		116,000
2006		14,000
2009		7,000
2010		16,000
2014		7,000
2016		14,000
<b>Ethyl Parathion</b>		
<b>Total</b>		<b>8,000</b>
1999		8,000
2003		<500
<b>Fenamiphos</b>		
<b>Total</b>		<b>334,000</b>
1995		40,000
1996		178,000
1997		34,000
1998		1,000
1999		45,000
2001		15,000
2002		2,000
2003		3,000
2005		10,000
2009		6,000
<b>Fonofos</b>		
<b>Total</b>		<b>839,000</b>
1995		440,000
1996		127,000
1997		168,000
1998		74,000
1999		30,000
<b>Malathion</b>		
<b>Total</b>		<b>6,810,000</b>

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
1995		317,000
1996		493,000
1997		1,060,000
1998		222,000
1999		1,548,000
2000		687,000
2001		1,288,000
2002		17,000
2003		362,000
2004		26,000
2005		424,000
2006		13,000
2007		30,000
2008		31,000
2009		11,000
2010		88,000
2011		23,000
2012		21,000
2013		40,000
2014		28,000
2015		31,000
2016		20,000
2017		30,000
<b>Methamidophos</b>		
<b>Total</b>		<b>1,288,000</b>
1995		281,000
1996		21,000
1997		211,000
1998		42,000
1999		166,000
2000		40,000
2001		99,000
2002		30,000
2003		72,000
2004		55,000
2005		58,000
2006		33,000
2007		39,000
2008		51,000
2009		31,000
2010		19,000
2011		23,000
2012		9,000
2013		8,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
<b>Methidathion</b>		
<b>Total</b>		<b>142,000</b>
1995		6,000
1997		18,000
1998		17,000
1999		12,000
2000		13,000
2001		9,000
2002		11,000
2003		8,000
2004		7,000
2005		4,000
2006		3,000
2007		3,000
2008		5,000
2009		2,000
2010		2,000
2011		4,000
2012		2,000
2013		4,000
2014		1,000
2015		9,000
2017		2,000
<b>Methyl Parathion</b>		
<b>Total</b>		<b>2,703,500</b>
1995		611,000
1996		423,000
1997		446,000
1998		178,000
1999		167,000
2000		127,000
2001		192,000
2002		88,000
2003		64,000
2004		40,000
2005		93,000
2006		39,000
2007		36,000
2008		35,000
2009		58,000
2010		25,000
2011		21,000
2012		17,000
2013		8,000
2014		4,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2015		27,000
2016		4,000
2017		500
	<b>Mevinphos</b>	
<b>Total</b>		<b>2,000</b>
1996		2,000
1998		<500
	<b>Naled</b>	
<b>Total</b>		<b>667,000</b>
1995		108,000
1996		8,000
1997		185,000
1998		8,000
1999		33,000
2000		9,000
2001		9,000
2002		13,000
2003		56,000
2004		11,000
2005		22,000
2006		10,000
2007		8,000
2008		18,000
2009		5,000
2010		14,000
2011		15,000
2012		16,000
2013		11,000
2014		13,000
2015		19,000
2016		7,000
2017		69,000
	<b>Oxydemeton-methyl (ODM)</b>	
<b>Total</b>		<b>153,000</b>
1996		6,000
1998		8,000
1999		13,000
2000		11,000
2001		9,000
2002		10,000
2003		11,000
2004		14,000
2005		11,000
2006		11,000
2007		10,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2008		12,000
2009		4,000
2010		11,000
2011		4,000
2012		1,000
2013		4,000
2014		1,000
2015		1,000
2016		1,000
<b>Phorate</b>		
<b>Total</b>		<b>4,372,000</b>
1995		628,000
1996		514,000
1997		565,000
1998		168,000
1999		330,000
2000		181,000
2001		205,000
2002		74,000
2003		207,000
2004		117,000
2005		98,000
2006		60,000
2007		93,000
2008		91,000
2009		82,000
2010		58,000
2011		125,000
2012		154,000
2013		165,000
2014		166,000
2015		84,000
2016		117,000
2017		90,000
<b>Phosalone</b>		
<b>Total</b>		<b>1,000</b>
1999		1,000
<b>Phosmet</b>		
<b>Total</b>		<b>1,384,000</b>
1995		39,000
1997		61,000
1998		34,000
1999		92,000
2000		44,000
2001		94,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2002		95,000
2003		85,000
2004		128,000
2005		101,000
2006		39,000
2007		77,000
2008		69,000
2009		48,000
2010		38,000
2011		59,000
2012		38,000
2013		79,000
2014		22,000
2015		54,000
2016		34,000
2017		54,000
<b>Phosphamidon</b>		
<b>Total</b>		<b>19,000</b>
1995		14,000
1997		4,000
1999		1,000
<b>Profenofos</b>		
<b>Total</b>		<b>4,109,000</b>
1995		1,742,000
1996		413,000
1997		558,000
1998		350,000
1999		264,000
2000		259,000
2001		139,000
2002		78,000
2003		128,000
2004		17,000
2005		66,000
2006		34,000
2007		22,000
2008		20,000
2009		6,000
2010		10,000
2011		3,000
<b>Sulprofos</b>		
<b>Total</b>		<b>224,000</b>
1995		173,000
1998		15,000
1999		1,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2000		17,000
2001		18,000
<b>Terbufos</b>		
<b>Total</b>		<b>19,596,000</b>
1995		4,277,000
1996		1,512,000
1997		3,200,000
1998		1,688,000
1999		3,588,000
2000		994,000
2001		2,491,000
2002		414,000
2003		910,000
2005		331,000
2006		1,000
2010		78,000
2014		3,000
2016		109,000
<b>Tribufos</b>		
<b>Total</b>		<b>55,499,000</b>
1998		4,047,000
1999		3,958,000
2000		3,970,000
2001		4,685,000
2002		3,698,000
2003		3,438,000
2004		2,869,000
2005		2,669,000
2006		2,436,000
2007		2,543,000
2008		1,602,000
2009		1,809,000
2010		2,332,000
2011		2,882,000
2012		2,204,000
2013		1,906,000
2014		1,858,000
2015		1,615,000
2016		2,750,000
2017		2,228,000

**Table 2.** N-Methyl Carbamates: Total pounds applied, 1995-2017.

Year	Active Ingredient	Pounds
<b>Aldicarb</b>		
<b>Total</b>		<b>9,381,000</b>
1995		430,000
1996		849,000
1997		714,000
1998		1,027,000
1999		631,000
2000		888,000
2001		434,000
2002		420,000
2003		501,000
2004		471,000
2005		491,000
2006		440,000
2007		486,000
2008		381,000
2009		343,000
2010		468,000
2011		270,000
2012		47,000
2013		32,000
2016		3,000
2017		55,000
<b>Carbaryl</b>		
<b>Total</b>		<b>2,099,000</b>
1995		68,000
1996		9,000
1997		61,000
1998		30,000
1999		60,000
2000		39,000
2001		112,000
2002		55,000
2003		68,000
2004		77,000
2005		143,000
2006		102,000
2007		101,000
2008		98,000
2009		63,000
2010		96,000
2011		114,000
2012		157,000
2013		179,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2014		146,000
2015		113,000
2016		93,000
2017		115,000
<b>Carbofuran</b>		
<b>Total</b>		<b>1,942,000</b>
1995		547,000
1996		122,000
1997		479,000
1998		80,000
1999		188,000
2000		60,000
2001		128,000
2002		40,000
2003		67,000
2004		40,000
2005		50,000
2006		14,000
2007		31,000
2008		20,000
2009		67,000
2010		9,000
<b>Formetanate HCl</b>		
<b>Total</b>		<b>208,000</b>
1995		21,000
1997		8,000
1998		8,000
1999		8,000
2000		11,000
2001		7,000
2002		11,000
2003		9,000
2004		4,000
2005		7,000
2006		13,000
2007		15,000
2008		17,000
2009		11,000
2010		8,000
2011		8,000
2012		12,000
2013		4,000
2014		2,000
2015		5,000
2016		6,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2017		13,000
	<b>Methiocarb</b>	
<b>Total</b>		<b>3,000</b>
2006		1,000
2009		2,000
	<b>Methomyl</b>	
<b>Total</b>		<b>590,000</b>
1995		88,000
1996		40,000
1997		41,000
1998		36,000
1999		27,000
2000		24,000
2001		18,000
2002		24,000
2003		18,000
2004		23,000
2005		15,000
2006		23,000
2007		22,000
2008		24,000
2009		16,000
2010		28,000
2011		23,000
2012		21,000
2013		19,000
2014		22,000
2015		11,000
2016		16,000
2017		11,000
	<b>Oxamyl</b>	
<b>Total</b>		<b>1,733,000</b>
1995		201,000
1996		64,000
1997		341,000
1998		65,000
1999		95,000
2000		82,000
2001		87,000
2002		21,000
2003		56,000
2004		42,000
2005		65,000
2006		36,000
2007		57,000

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<b>Year</b>	<b>Active Ingredient</b>	<b>Pounds</b>
2008		55,000
2009		19,000
2010		55,000
2011		63,000
2012		76,000
2013		62,000
2014		83,000
2015		69,000
2016		19,000
2017		20,000
<b>Pirimicarb</b>		
<b>Total</b>		<b>3,000</b>
2008		3,000
<b>Thiodicarb</b>		
<b>Total</b>		<b>1,338,000</b>
1995		619,000
1996		93,000
1997		169,000
1998		42,000
1999		48,000
2000		14,000
2001		18,000
2002		24,000
2003		8,000
2004		9,000
2005		13,000
2006		15,000
2007		30,000
2008		20,000
2009		36,000
2010		74,000
2011		64,000
2012		2,000
2013		1,000
2014		32,000
2015		<500
2017		7,000